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Griffin et al.

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(54) **SUPPORT FOR A FLEXIBLE DISPLAY**

(56) **References Cited**

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(52) **U.S. Cl.**
CPC **G06F 1/1652** (2013.01); **G06F 1/1616** (2013.01); **H04M 1/0216** (2013.01); **H04M 1/0235** (2013.01); **H04M 1/0268** (2013.01)

(57) **ABSTRACT**

(58) **Field of Classification Search**
USPC 345/173, 168, 87, 156, 204, 1.1, 30, 8, 345/161, 169; 435/21, 22, 6.1, 2, 287.1, 435/287.2, 287.3, 289.1, 6.11, 6.14, 297.2; 361/679.01, 679.09, 679.29, 679.26, 361/679.27, 679.28, 679.07, 679.17, 361/679.55, 679.06, 679.08, 679.21, 361/679.15, 679.56, 679.57, 679.47, 361/679.33; 455/556.1, 552.1, 569.1, 557, 455/450, 566, 426.1, 418; 16/221, 366, 16/382; 312/326, 331, 34.11, 34.12, 209

A device includes: a first component and a second component coupled to one another by a pivot member and being movable relative to one another between an open position in which the first component and the second component are in the same plane and a folded position; a first slider coupled to the first component and a second slider coupled to the second component; and a flexible membrane coupled to the first slider and the second slider, the flexible membrane being exposed in the folded position; wherein the first component and the second component are coupled to one another to maintain the flexible membrane at a constant length when the flexible membrane is moved between the open position and the folded position.

See application file for complete search history.

11 Claims, 46 Drawing Sheets

